Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5. Lease Serial No. NMNM89051				
1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other										6. If	6. If Indian, Allottee or Tribe Name					
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resyr.									7. U	7. Unit or CA Agreement Name and No.						
		Othe:	r									1				
Name of Operator Contact: KAREN COTTOM DEVON ENERGY PRODUCTION CO. LP Contact: KAREN COTTOM E-Mail: karen.cottom@dvn.com											Lease Name and Well No. APACHE 24 FEDERAL 5					
3. Address 20 NORTH BROADWAY OKLAHOMA CITY, OK 73102-8260 3a. Phone No. (include area code) Ph: 405.228.7512									9. A	9. API Well No. 30-015-33082						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*											10.]	 Field and Pool, or Exploratory QUAHADA RIDGE DELAWARE; SE 				
At surface NENE 660FNL 330FEL											11. 3	11. Sec., T., R., M., or Block and Survey or Area Sec 24 T22S R30E Mer NMP				
At top prod interval reported below NENE 660FNL 330FEL											12.	12. County or Parish 13. State				
At total		NE 660FN	IL 330FEL	TDD	· 1 3		1.	ć D-t-	C1-4-	1	 _		DDY Classediana (DE V	NM D. DT. CL*	
14. Date Sp 11/12/2	2003			ate T.D. R /23/2003				□ D & .	Complete A 🔼	a Ready to	o Prod.	17.	17. Elevations (DF, KB, RT, GL)* 3378 GL			
18. Total D	epth:	MD TVD	7850] 1	19. Plu	g Back T	.D.:	MD TVD	780	08	20. I	epth Bri	dge Plug Se		MD TVD	
21. Type E GR CC	lectric & Oth L CBL	er Mechar	nical Logs R	un (Subm	it copy	of each)				Wa	as well co as DST ru rectional	n?	⊠ No	☐ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
23. Casing ar	nd Liner Reco	ord (Repo	rt all strings	set in wei	ll)								· · · · · ·			
Hole Size	Size/G	Size/Grade Wt. (#/		Top (MD)	• 1 1		, –	9		Sks. & f Cemer			Cement	Гор*	Amount Pulled	
17.500		375 H40	48.0		0		625 600				000		0			
11.000	1	625 J55	32.0		0	3838		1000					0			
7.875	5.	500 J55	15.5	15.5 0 7850 1805					305		 	0				
					\top					-	+					
24. Tubing	·					_										
	Depth Set (M	(D) Pa 7620	cker Depth	(MD)	Size	Dept	h Set (MI	MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth					Packer Depth (MD)			
2.875 25. Produci	ng Intervals	7620]				26.	Perforati	on Reco	ord							
	ormation		Тор	Top Bottom			Perforated Interval Size					;]	No. Holes		Perf. Status	
A)				7627		7642		7627 TO 7642		0 7642	12		40 PRODUCING		DUCING	
<u>B)</u>														<u> </u>	· · · · · · · · · · · · · · · · · · ·	
<u>C)</u> D)							··					-		-		
	racture, Treat	ment, Cen	nent Squeeze	e, Etc.	•									<u> </u>	RECEIVED	
	Depth Interva		642 FRAC'D	W/218.00	00# 16/3	30 OTTAV	VA & RC	Ar	mount and	Туре о	f Materia				JAN 1 6 2004	
		-	742 11010 2	11/210,00			,,,,,,,								OCD-ARTESIA	
														· · · ·		
28. Product	ion - Interval	A														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Vater BBL	Oil Gr. Corr. A		Ga	s avity	Produc	tion Method			
12/08/2003	12/15/2003	24		127.0		33.0	160.0	l com. 7	41.9				ELECTR	RIC PUMPING UNIT		
Choke Size		Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	·]	Vater BBL	Gas:O Ratio		We	ell Status	· · ·				
28a Dradus	si ction - Interva	80.0		127		133	160	_L_	1047		POW	<u>.</u>				
Date First	Test	Hours	Test	Oil	Gas		Vater	Oil Gr	avity	Ga	<u> </u>	Produc	tion Method			
Produced	Date	Tested	Production	BBL	МСЕ		BBL	Corr.			avity	1				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Vater BBL	Gas:O Ratio	il	We	ell Status					

28b. Proc	luction - Interv	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	у	Production Method		
Choke Size	Tbg. Press. Flwg. S1	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status	•		
28c. Proc	luction - Interv	/al D	1	٠								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status			
29. Dispo	osition of Gas(Sold, used	for fuel, vent	ed, etc.)	•	- -			_			
Show tests,		zones of p	orosity and c	ontents there		l intervals and a n, flowing and s	ill drill-stem shut-in pressure	8	31. For	rmation (Log) Markers		
Formation Top				Bottom Descrip			s, Contents, etc	•		Top Meas. Depth		
32. Addi 12/2, 16/3, 12/4,	tional remarks '03 - RIH w/4 0 Ottawa RC '03 - RIH w/F	" csg gun : 7/8" tbg :	- perf 7627' set @ 7620'	42', SPF 4		Frac'd down c	sg w/218,000≠	ŧ	SA BA BE CH BR	JSTLER LADO SE SALADO ELL CANYON JERRY CANYON RUSHY CANYON JINE SPRING	467 747 3615 3886 4853 6470 7772	
33 Circl	e enclosed atta	chments:		,								
			s (1 full set re	ea'd.)		2 Geologic I	Renort	3	DST Re	enort 4 Dire	ectional Survey	
 Electrical/Mechanical Logs (1 full set req'd.) Geologic Report Sundry Notice for plugging and cement verification Core Analysis 								7 Other:				
34. I here	eby certify tha	t the forego	Elect	ronic Subn	nission #2	6210 Verified l	rect as determine by the BLM W ION CO. LP, s	ell Inform	ation Sy	e records (see attached instr stem. d	uctions):	
Name	e (please print,	KAREN	соттом				Title <u>E</u>	NGINEEF	RING TE	CHNICIAN		
	ature	(E) (nic Submissi				Date 0					



RILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

November 25, 2003

Devon Energy Production Company, LP 20 North Broadway, Suite 1500 Oklahoma City, Oklahoma 73102

Re: Apache 24 Fed #5 Section 24, T-225R-30-E **Eddy County, New Mexico**

Attention: David Spitz

The following is a Deviation Survey on the above referenced well in Eddy County, New Mexico:

199' - 1/2°	3489' - 2 1/4°	5344' - 1/2°
578' <i>-</i> 1°	3616' - 3°	5822' - 1/2°
1098' - 1°	3759' - 2 1/4°	6269' - 1°
1576' - 1 3/4°	3795' - 2°	6747' - 1°
2532' - 1 1/2°	3971' - 3/4°	7226' - 1°
2979' - 1 1/4°	4451' - 3/4°	7705' - 1°
3202' - 1 3/4°	4898' - 3/4°	7807' - 2°

Sincerely,

RECEIVED

JAN 1 6 2004 OCD-ARTES

Jerry W. Wilbanks

President

STATE OF NEW MEXICO) **COUNTY OF CHAVES**

The foregoing was acknowledged before me this 25th day of November, 2003 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

June 19th, 2007